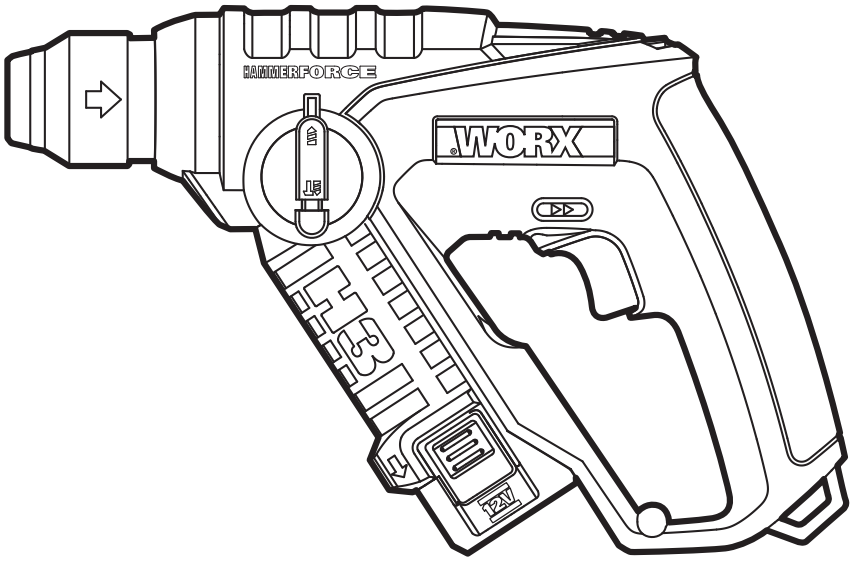
WORX®



H3

SAFETY AND OPERATING MANUAL

ORIGINAL INSTRUCTIONS

Cordless rotary hammer

WX382 WX382.1
WX382.2 WX382.3 WX382.4

GENERAL POWER TOOL SAFETY WARNINGS

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.
The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3) Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Battery tool use and care

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) Service

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY RULES FOR HAMMER

1. **Wear ear protectors.** Exposure to noise can cause hearing loss.
2. **Hold power tools by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a 'live' wire may make exposed metal parts of the power tool 'live' and could give the operator an electric shock.
3. **Always wear a dust mask.**

SYMBOLS

To reduce the risk of injury, user must read instruction manual

Warning

Wear eye protection

Wear ear protection

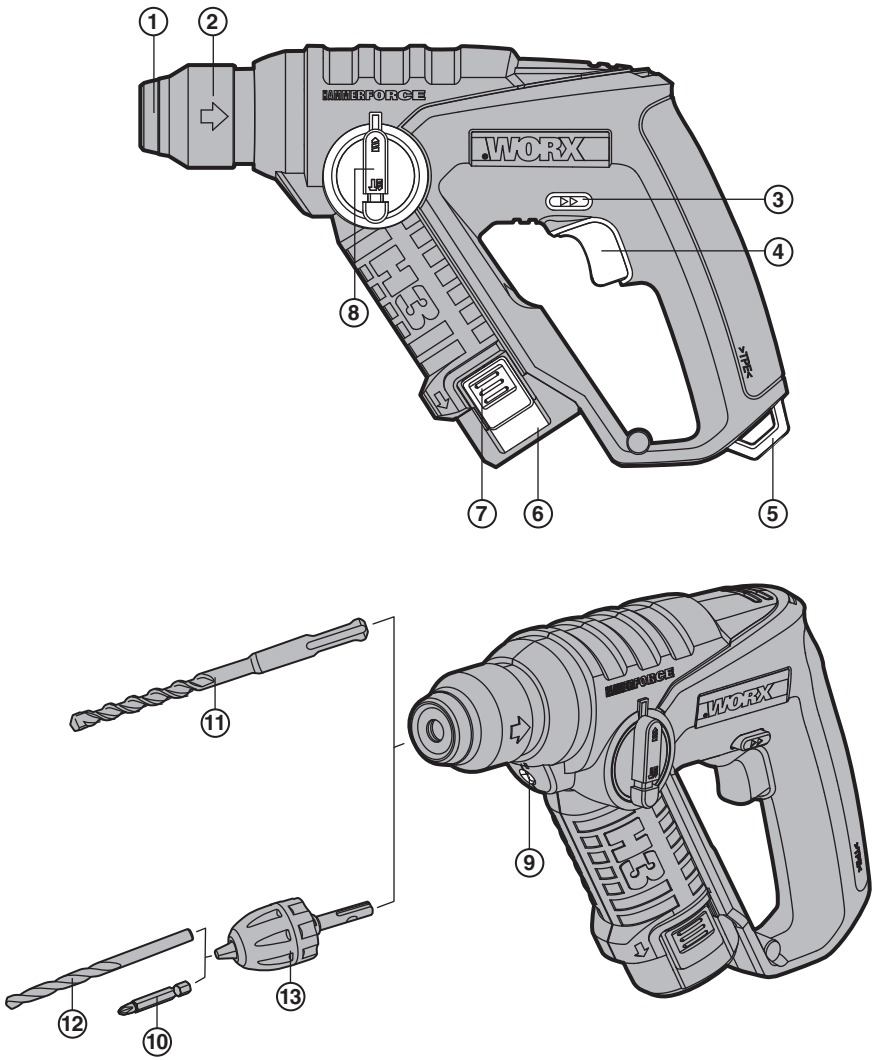
Wear dust mask

Do not expose to rain or water

Do not burn

Li

Do not dispose of batteries. Return exhausted batteries to your local collection or recycling point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1.	DUST PROTECTION CAP
2.	TOOL HOLDER LOCKING SLEEVE
3.	FORWARD AND REVERSE ROTATION CONTROL
4.	ON/OFF SWITCH
5.	CARABINER CLIP HOOK
6.	BATTERY PACK
7.	BATTERY PACK RELEASE BUTTON
8.	FUNCTION MODE SELECTION SWITCH
9.	LED LIGHT
10.	SCREWDRIVER BITS *
11.	SDS DRILL BITS *
12.	HSS DRILL BIT *
13.	KEYLESS CHUCK WITH SDS ADAPTOR*

*** Not all the accessories illustrated or described are included in standard delivery.**

TECHNICAL DATA

Type **WX382 WX382.1 WX382.2 WX382.3 WX382.4(3- designation of machinery, representative of Hammer Drill)**

Model No.		**WX382 WX382.1**	**WX382.2**	**WX382.3**	**WX382.4**
Voltage		12V ⎓			
No load speed		0-900/min			
Impact rate		0-4800bpm			
Impact energy		1.0J			
Battery type		Li-Ion Powershare (WA3503)			
Charger time		3hr	3hr	30min	3hr
Battery capacity		1.3Ah Li-Ion			
Battery pack quantity		1	2	1	1
Max. drilling capacity	Steel	8mm			
	Wood	10mm			
	Masonry	10mm			
Machine weight (without battery)		1.15kg			

NOISE INFORMATION

A weighted sound pressure	84dB(A)
A weighted sound power	95dB(A)
K_{pA}&K_{wA}	3.0dB(A)
Wear ear protection when sound pressure is over	80dB(A)

VIBRATION INFORMATION

Vibration total values (triax cover sum) determined according to EN 60745:	
Hammer drilling into concrete	Vibration emission value $a_{h,HD}$ =8.51m/s^2
	Uncertainty K=1.5m/s^2

WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:
How the tool is used and the materials being drilled.
The tool being in good condition and well maintained
The use the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and if any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

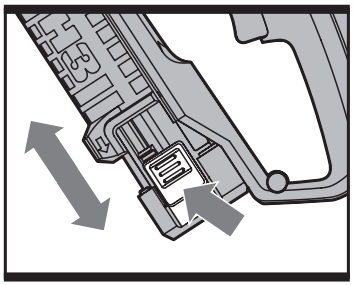
WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimise your vibration exposure risk.
ALWAYS use sharp chisels, drills and blades.
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).
If the tool is to be used regularly then invest in anti vibration accessories.
Avoid using tools in temperatures of 10^0C or less.
Plan your work schedule to spread any high vibration tool use across a number of days.

ACCESSORIES

Model No.	WX382	WX382.1	WX382.2	WX382.3	WX382.4
Battery charger 3hrs (WA3725)	1			/	1
30min battery charger (WA3846)	/			1	/
Battery pack (1.3 Ah Li-Lon)	1		2	1	
Keyless chuck with SDS adaptor	1				
HSS drill bits	2 (5mm,6mm)	3 (5mm, 6mm,8mm)	2 (5mm,6mm)		
Screwdriver bits	4(PH2*50mm,PZ1*50mm,PZ2*50mm,Slotted*5.5mm*50mm)	9(PH1/PH2/PH3*50mm, PZ1/PZ2/PZ3*50mm, Slotted*4.5/5.5/6.5mm*50mm)	4(PH2*50mm,PZ1*50mm,PZ2*50mm, Slotted*5.5mm*50mm)		
SDS drill bits	2 (6mm,8mm)	4 (2x 6mm,2x8mm)	2 (6mm,8mm)		
30pcs drill and drive bit set	/				1 (WA1108)

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.



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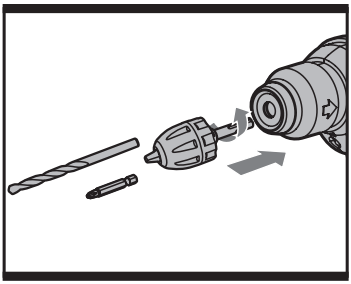

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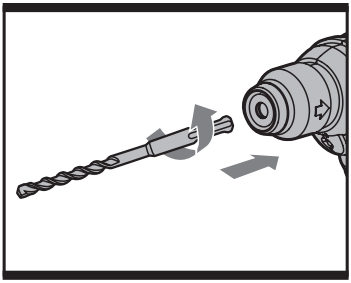


B2

OPERATING INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

INTENDED USE

The machine is intended for hammer drilling in concrete, brick and stone. It is also suitable for drilling without impact in wood, metal, ceramic and plastic. Machines with electronic control and right/left rotation are also suitable for screwdriving.

BEFORE PUTTING INTO OPERATION

A) CHARGING THE BATTERY PACK

The battery pack charger supplied is matched to the Li-Ion battery installed in the machine. Do not use another battery charger.
The Li-Ion battery pack is protected against deep discharging. When the battery pack is empty, the machine is switched off by means of a protective circuit: The chuck no longer rotates.
In a warm environment or after heavy use, the battery pack may become too hot to permit charging. Allow time for the battery pack to cool down before recharging.
When the battery pack is charged for the first time and after prolonged storage. The battery pack will accept a 100% charge after several charge and discharge cycles.

B) TO REMOVE OR INSTALL BATTERY PACK (See Fig. A)

Depress the battery pack release button to release and slide the battery pack out from your tool. After recharge, slide it back into your tool. A simple push and slight pressure will be sufficient.

OPERATION

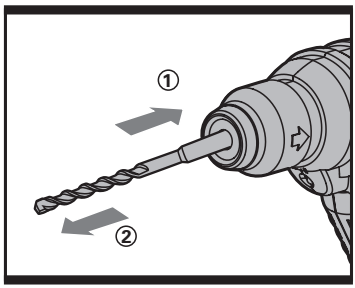
1. INSERTING AND REMOVING DRILL BITS & ADAPTORS (11, 13) IN THE SDS CHUCK

Take care that the dust protection cap (1) is not damaged when changing tools.

— INSERTING (See Fig. B1, B2)

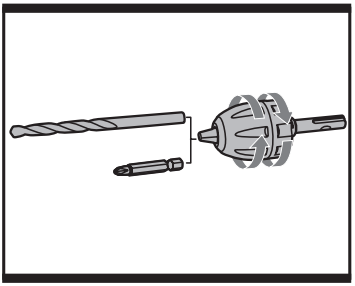
Clean and lightly oil the bit before inserting. Insert the dust-free bit into the bit holder with a twisting motion until it latches.
The bit locks itself. Check the locking by pulling on the tool.

— REMOVING (See Fig. B3)
Retract back the bit holder locking sleeve (2) and pull out the bit.
WARNING: Your new WORX Rotary Hammer Drill generates powerful forces to get your job done quickly and effectively. These forces may cause inferior quality SDS bits to break and jam in the chuck, We therefore recommend that only high quality SDS bits be used with this tool.

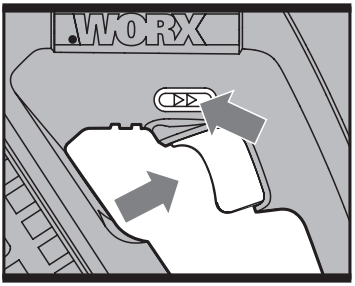


B3

2. INSERTING A TOOL INTO CHUCK (13) (See Fig. C)
To open the chuck jaws rotate the front section of the chuck while holding the rear section. Insert the drill bit between the chuck jaws and rotate the front section in the opposite direction while holding the rear section. Ensure that the drill bit is in the center of the chuck jaws. Finally, firmly rotate the two separate chuck sections in opposite directions. Your drill bit is now locked in the chuck.


C

3. ON/OFF SWITCH (See Fig. D)
Depress the On/Off switch (4) to start and release it to stop your tool.
— ON/OFF SWITCH WITH VARIABLE SPEED CONTROL
Depress the On/Off switch to start and release it to stop your tool. This tool has a variable speed switch (4) that delivers higher speeds with increased trigger pressure - speed is controlled by varying the pressure applied to the switch.



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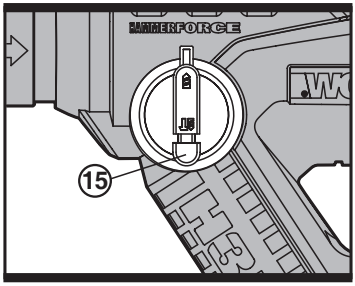
4. SWITCH LOCK (See Fig. D)
The switch trigger can be locked in the OFF position. This helps to reduce the possibility of accidental starting when not in use. To lock the switch trigger, place the direction of rotation control in the center position.

5. FORWARD AND REVERSE ROTATION CONTROL (See Fig. D)
With the hammer pointing away from you, push the forward/reverse-lever "◁◁ " to the left for forward rotation. Push the forward/reverse-lever " ▷▷" to the right for reverse rotation.
WARNING: Never change the direction of rotation while the tool is rotating, wait until it has stopped.



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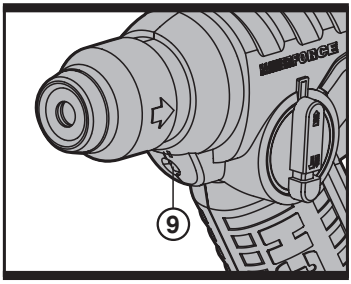

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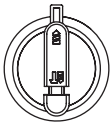
6. FUNCTION MODE SELECTION (See Fig. E)
The operation of the gearbox for each application is set with the function mode selection switch (8). To change between functions, depress the unlocking button (15) and rotate the selector to the desired operating mode.

	For simultaneous drilling and impacting of concrete or masonry, choose the Hammer drilling position.
	For screw driving, drilling into steel, wood and plastics choose the Rotary drilling position.

WARNING: The operating mode selector switch may be actuated only at a standstill.

7. LED LIGHT (See Fig. F)
To turn on the light simply press the on/off switch. When you release the on/off switch, the light will be off. LED lighting increases visibility-great for dark or enclosed area. LED is also a battery capacity indicator. It will flash when power gets low.

8. TEMPERATURE DEPENDENT OVERLOAD PROTECTION
When using as intended for, the power tool cannot be subject to overload. When the load is too high or the allowable battery temperature of 75 °C is exceeded, the electronic control switches off the power tool until the temperature is in the optimum temperature range again.

9. PROTECTION AGAINST DEEP DISCHARGING
The Li-Ion battery is protected against deep discharging by the "Discharging Protection System". When the battery is empty, the machine is switched off by means of a protective circuit: The inserted tool no longer rotates.

WORKING HINTS FOR YOUR TOOL

If your power tool becomes over heated, set the speed to maximum and run no load for 2-3 minutes to cool the motor. SDS-plus tungsten carbide drill bits should always be used for concrete and masonry.
When drilling in metal, only use HSS drill bits in good

condition. Where possible use a pilot hole before drilling a large diameter hole.

PROBLEM SOLUTION

REASONS FOR DIFFERENT BATTERY PACK WORKING TIMES

Charging time problems, having not used a battery pack for a prolonged time will reduce the battery pack working time. This can be corrected after several charge and discharge operations by charging & working with your drill. Heavy working conditions such as large screws into hard wood will use up the battery pack energy faster than lighter working conditions. Do not re-charge your battery pack below 0°C and above 30°C as this will affect performance.

MAINTENANCE

Remove the battery pack from the tool before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance ,except for the cleaning & lubrication of the SDS bits and adaptors before inserting into the chuck.. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

DISPOSAL OF AN EXHAUSTED BATTERY PACK

Li

To preserve natural resources, please recycle or dispose of the battery pack properly. This battery pack contains Li-Ion batteries. Consult your local waste authority for information regarding available recycling and/or disposal options. Discharge your battery pack by operating your tool, then remove the battery pack from the tool housing and cover the battery pack connections with heavy-duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.

DECLARATION OF CONFORMITY

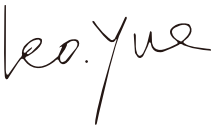
We,
Positec Power Tools (Europe) Ltd, PO Box 152,
Leeds, LS10 9DS, UK

Declare that the product,
Description
WORX Cordless rotary hammer
Type **WX382 WX382.1 WX382.2 WX382.3 WX382.4(3- designation of machinery, representative of Hammer Drill)**
Function **Hammering various materials**

Complies with the following Directives,
Machinery Directive **2006/42/EC**
Electromagnetic Compatibility Directive **2004/108/EC**
RoHS Directive **2011/65/EU**

Standards conform to
EN 55014-1
EN 55014-2
EN 60745-2-6
EN 60745-1

The person authorized to compile the technical file,
Name: Russell Nicholson
Address: Positec Power Tools (Europe) Ltd, PO Box 152, Leeds, LS10 9DS, UK



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2013/04/08
Leo Yue
POSITEC Quality Manager

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